

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091819\
 Data File : VX012476.D
 Acq On : 18 Sep 2019 16:11
 Operator : JC/SP
 Sample : K4858-05DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20190909DL

Quant Time: Sep 19 06:02:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	177623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275002	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	92881	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	115386	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
35) Dibromofluoromethane	5.48	113	82518	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	8.71	98	321038	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
62) 4-Bromofluorobenzene	11.14	95	114079	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	

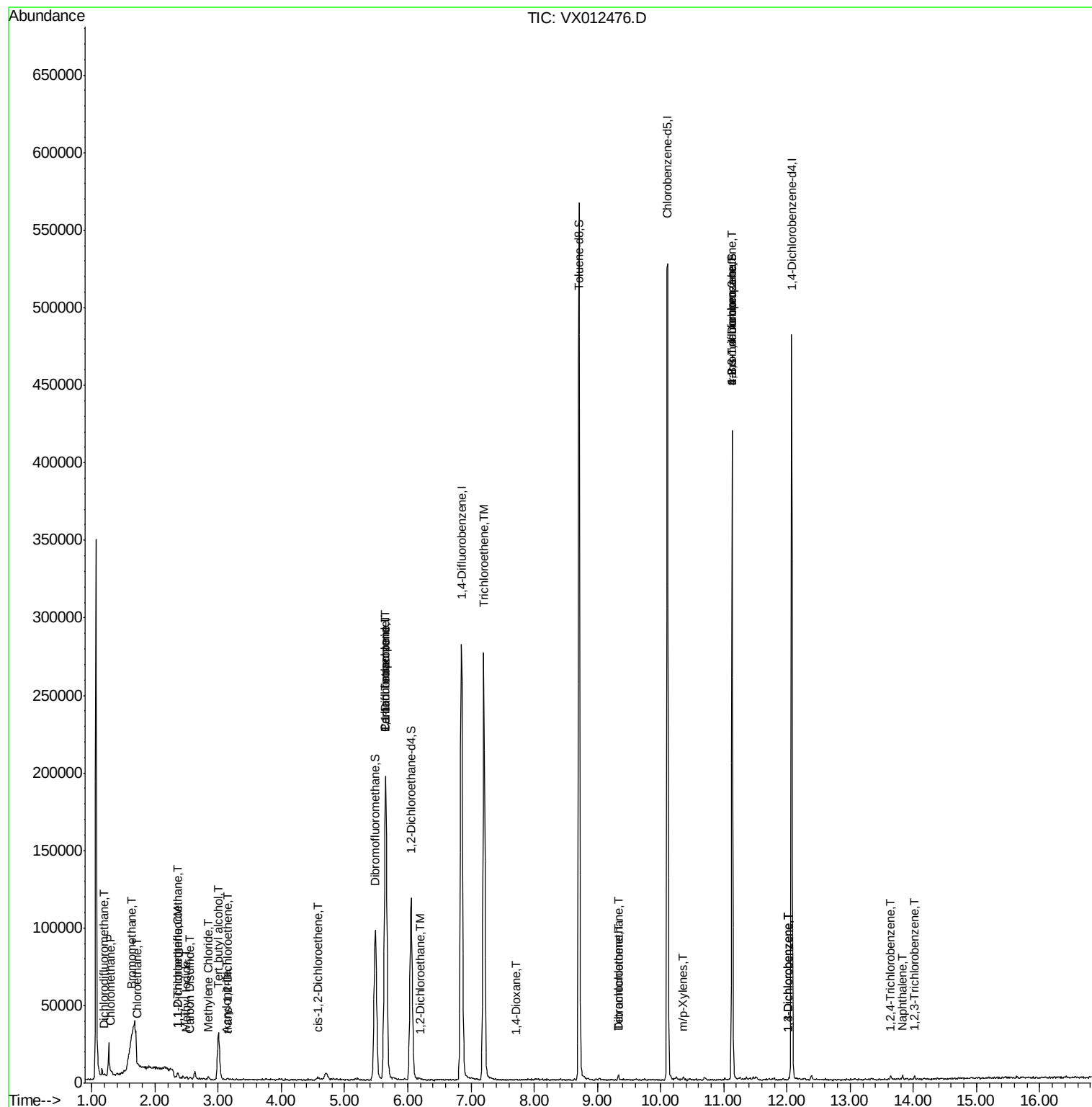
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	160	0.525	ug/l #	43
3) Chloromethane	1.31	50	462	0.473	ug/l	92
5) Bromomethane	1.64	94	484	1.167	ug/l #	12
6) Chloroethane	1.72	64	345	0.418	ug/l #	45
9) 1,1,2-Trichlorotrifluoroet	2.36	101	790	0.564	ug/l #	89
10) Methyl Iodide	2.50	142	766	5.023	ug/l	91
11) Tert butyl alcohol	3.00	59	20146	25.944	ug/l #	78
12) 1,1-Dichloroethene	2.35	96	312	0.279	ug/l #	58
13) Acrolein	2.30	56	292	Below Cal	#	15
15) Acrylonitrile	3.14	53	665	0.603	ug/l #	57
16) Acetone	2.44	43	1466	Below Cal	#	86
17) Carbon Disulfide	2.55	76	455	2.084	ug/l #	74
20) Methylene Chloride	2.84	84	721	0.468	ug/l #	65
21) trans-1,2-Dichloroethene	3.15	96	244	0.210	ug/l #	12
27) cis-1,2-Dichloroethene	4.58	96	389	0.225	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	15074	9.019	ug/l #	54
38) Carbon Tetrachloride	5.65	117	19454	9.359	ug/l #	17
42) 1,2-Dichloroethane	6.20	62	525	0.213	ug/l	97
44) Trichloroethene	7.20	130	105414	75.400	ug/l	94
49) 1,4-Dioxane	7.72	88	53	1.003	ug/l #	1
60) Dibromochloromethane	9.33	129	592	0.329	ug/l #	11
64) Tetrachloroethene	9.33	164	558	0.520	ug/l #	71
68) m/p-Xylenes	10.36	106	548	0.227	ug/l #	70
76) 1,2,3-Trichloropropane	11.14	75	60432	28.325	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	60432	76.043	ug/l #	8
87) 1,3-Dichlorobenzene	12.03	146	629	0.235	ug/l	80
88) 1,4-Dichlorobenzene	12.03	146	629	0.229	ug/l	80
93) 1,2,4-Trichlorobenzene	13.64	180	528	0.293	ug/l	83
95) Naphthalene	13.83	128	1309	0.204	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.02	180	503	0.274	ug/l	79

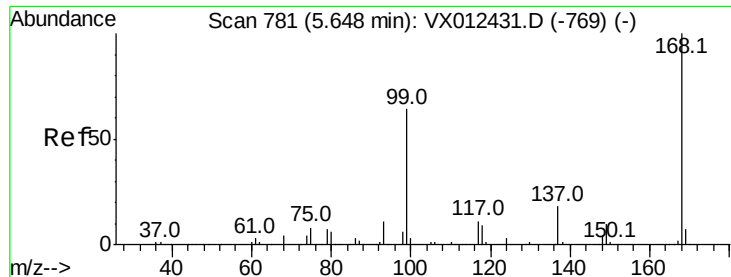
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012476.D

Acq: 18 Sep 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

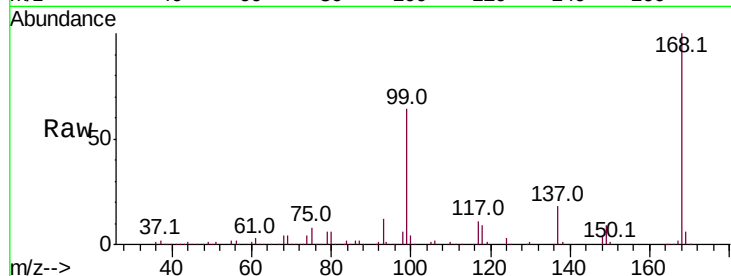
RE122D1-20190909DL

Tot Ion:168 Resp: 177623

Ion Ratio Lower Upper

168 100

99 63.9 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

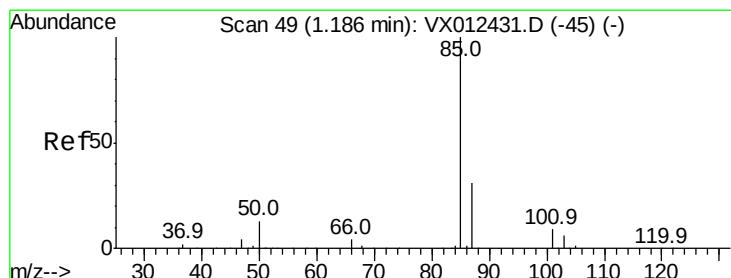
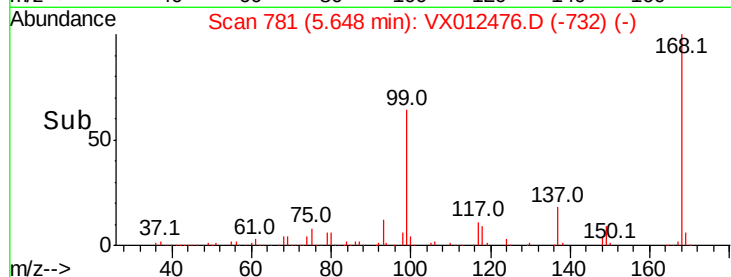
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.525 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012476.D

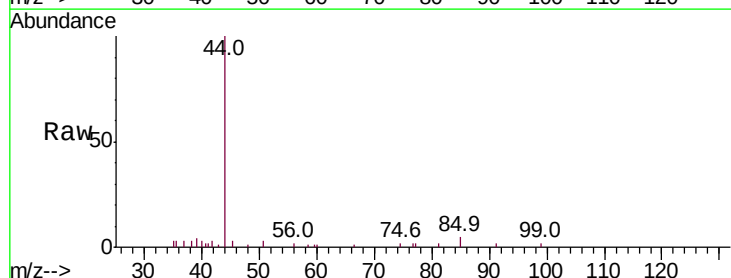
Acq: 18 Sep 2019 16:11

Tgt Ion: 85 Resp: 160

Ion Ratio Lower Upper

85 100

87 0.0 15.6 46.8#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250

200

150

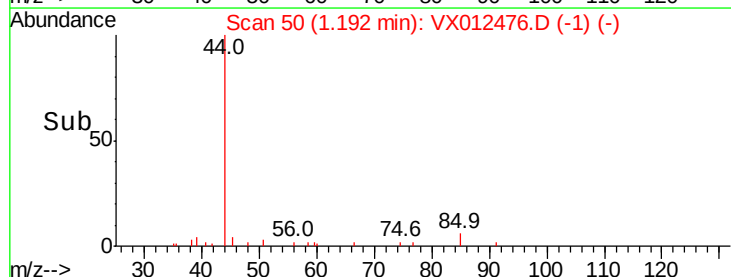
100

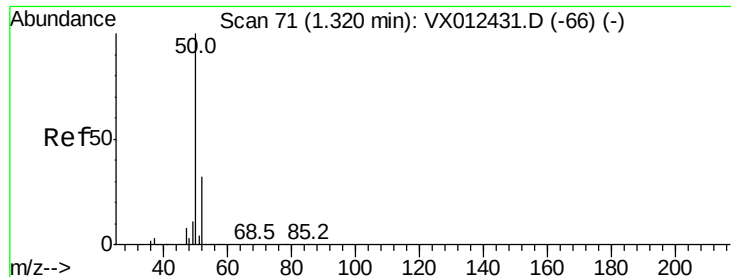
50

0

Time-->

1.16 1.18 1.20 1.22





#3

Chloromethane

Concen: 0.473 ug/l

RT: 1.31 min Scan# 69

Delta R.T. -0.01 min

Lab File: VX012476.D

Acq: 18 Sep 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

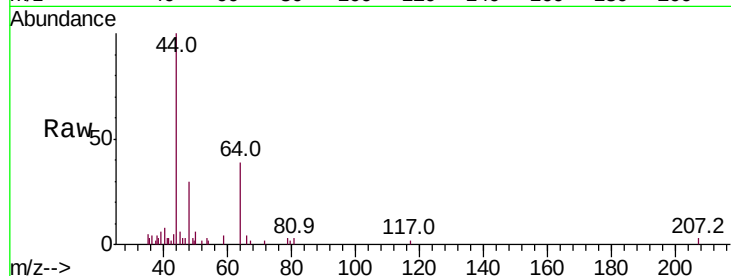
RE122D1-20190909DL

Tot Ion: 50 Resp: 462

Ion Ratio Lower Upper

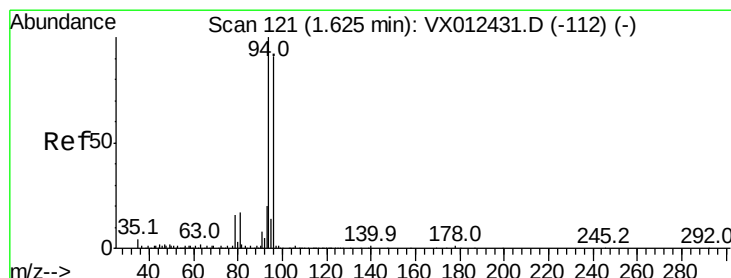
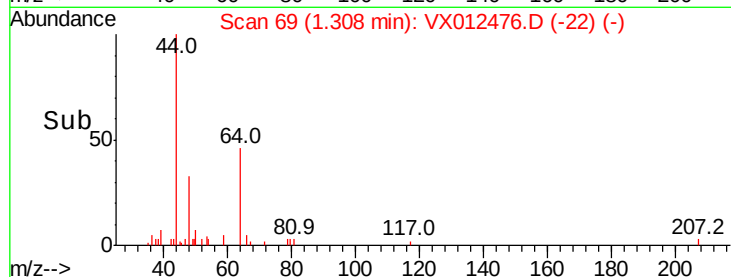
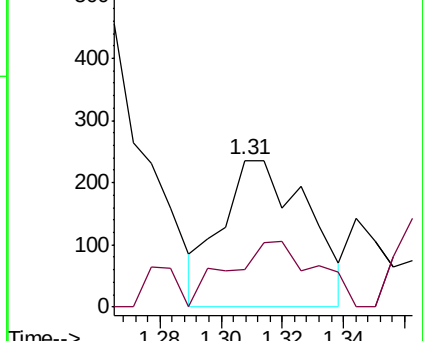
50 100

52 36.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 1.167 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX012476.D

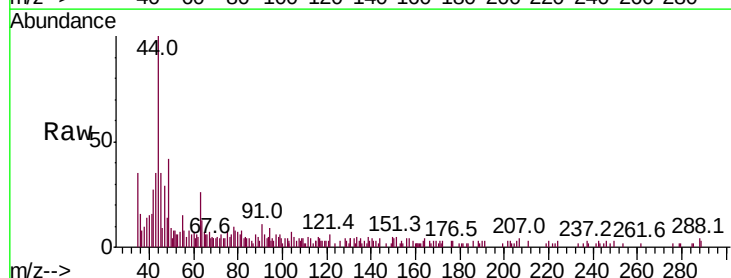
Acq: 18 Sep 2019 16:11

Tgt Ion: 94 Resp: 484

Ion Ratio Lower Upper

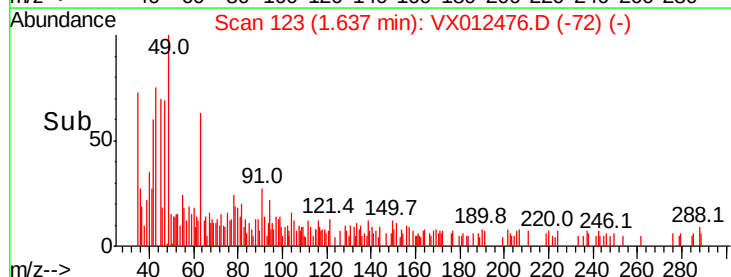
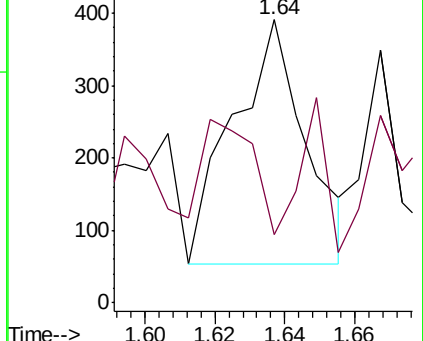
94 100

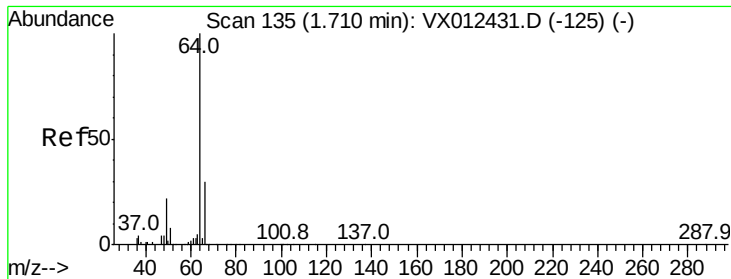
96 7.4 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.418 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX012476.D

Acq: 18 Sep 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

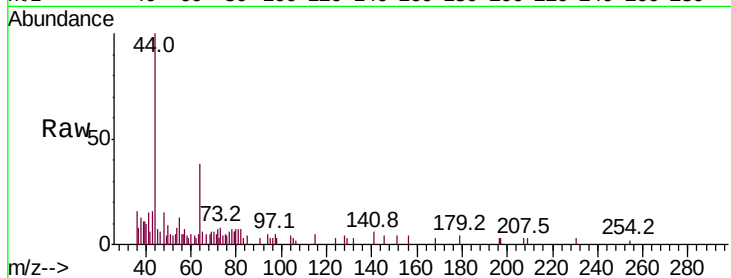
RE122D1-20190909DL

Tot Ion: 64 Resp: 345

Ion Ratio Lower Upper

64 100

66 0.0 24.0 36.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

800

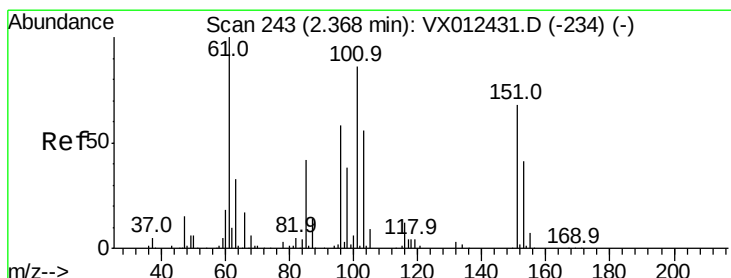
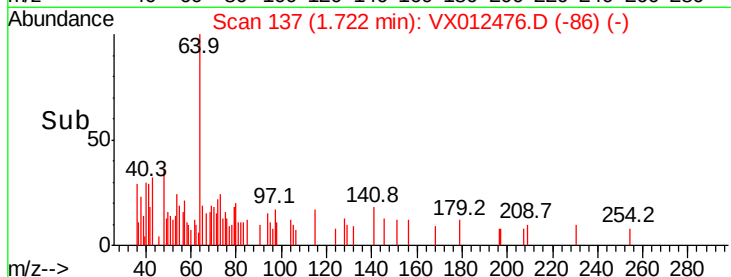
600

400

200

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.564 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.01 min

Lab File: VX012476.D

Acq: 18 Sep 2019 16:11

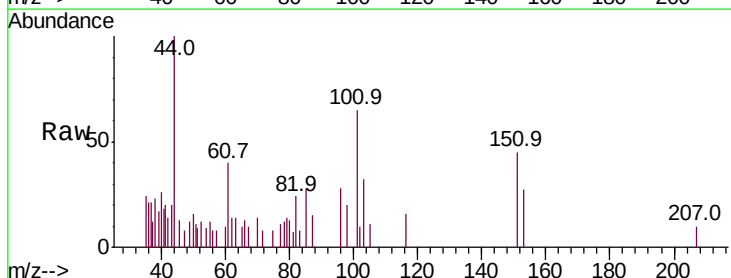
Tgt Ion:101 Resp: 790

Ion Ratio Lower Upper

101 100

85 62.8 37.3 55.9#

151 73.2 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

600

500

400

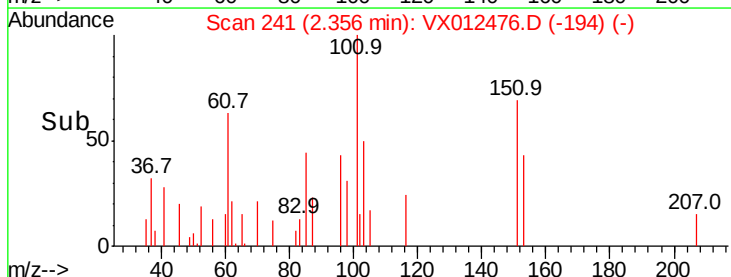
300

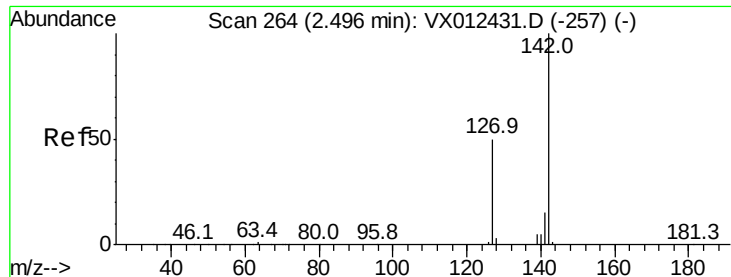
200

100

0

Time-->

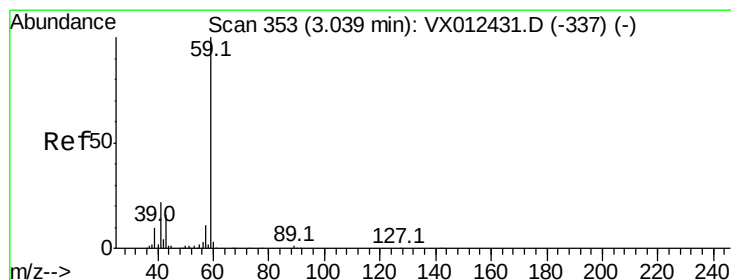
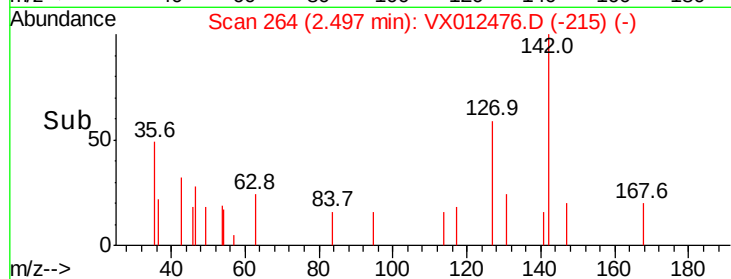
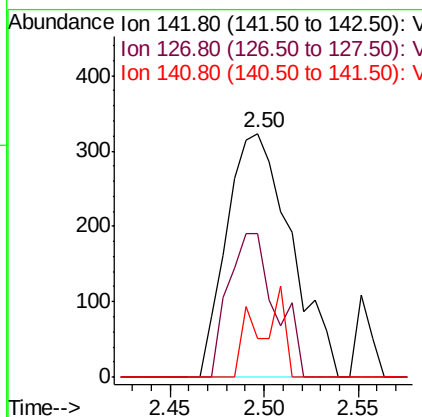
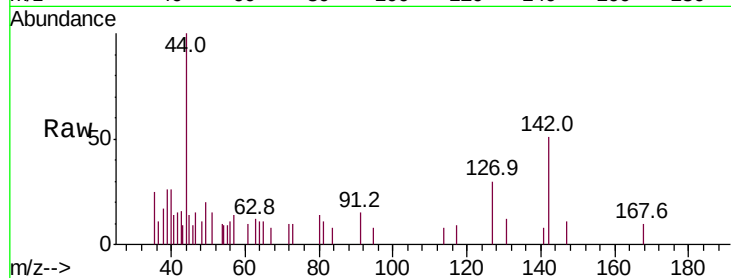




#10
Methvl Iodide
Concen: 5.023 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

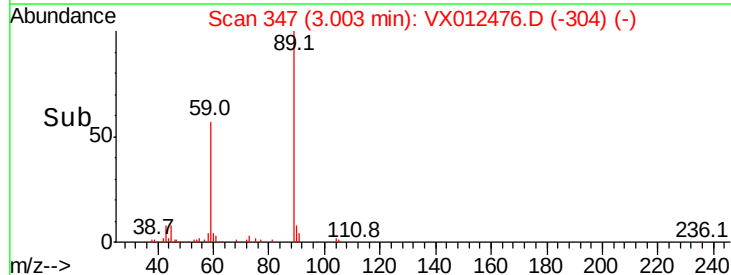
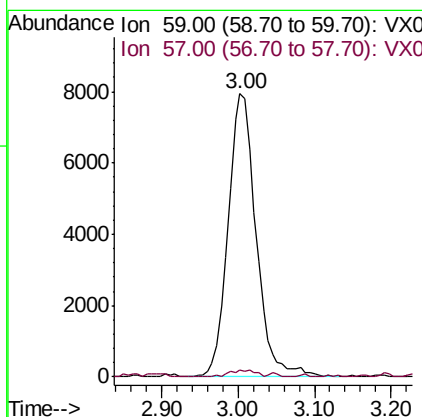
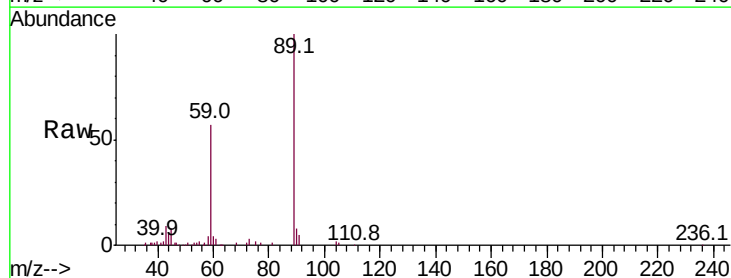
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

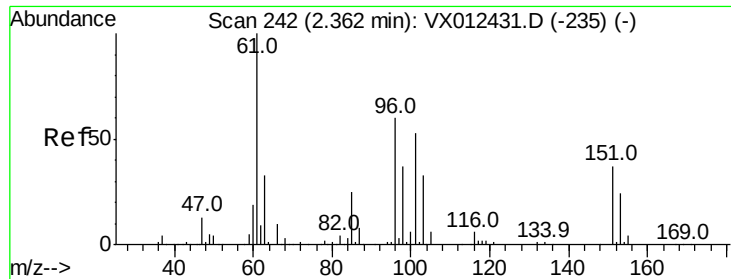
Tot Ion:142 Resp: 766
Ion Ratio Lower Upper
142 100
127 43.0 40.8 61.2
141 15.1 12.1 18.1



#11
Tert butyl alcohol
Concen: 25.944 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.04 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion: 59 Resp: 20146
Ion Ratio Lower Upper
59 100
57 2.2 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 0.279 ug/l

RT: 2.35 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX012476.D

Acq: 18 Sep 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20190909DL

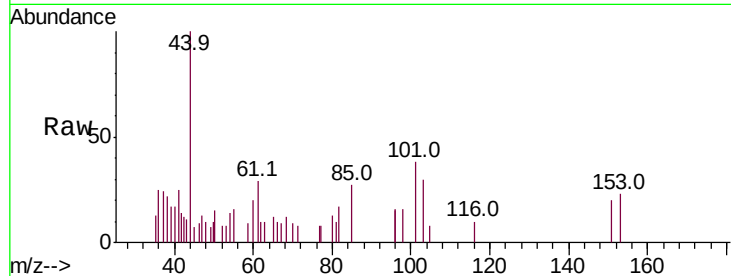
Tot Ion: 96 Resp: 312

Ion Ratio Lower Upper

96 100

61 94.8 133.8 200.6#

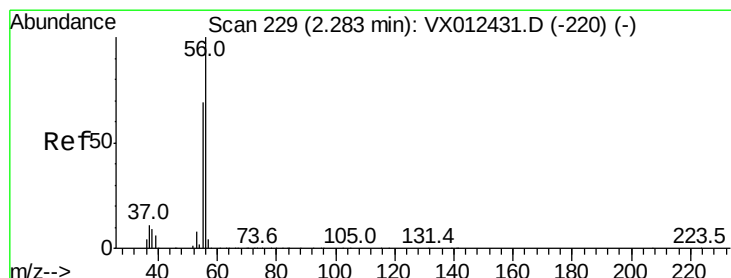
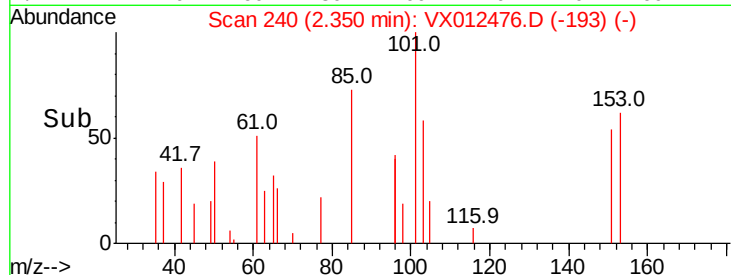
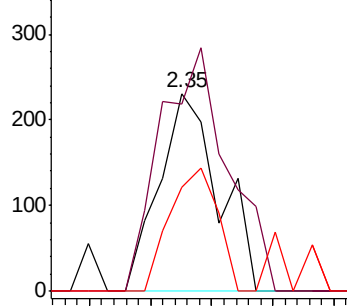
98 52.4 49.9 74.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#13

Acrolein

Concen: Below Cal

RT: 2.30 min Scan# 232

Delta R.T. 0.02 min

Lab File: VX012476.D

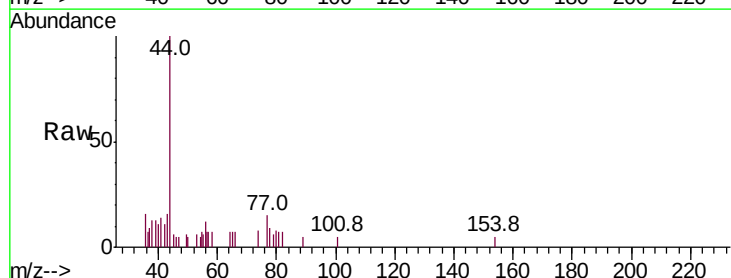
Acq: 18 Sep 2019 16:11

Tgt Ion: 56 Resp: 292

Ion Ratio Lower Upper

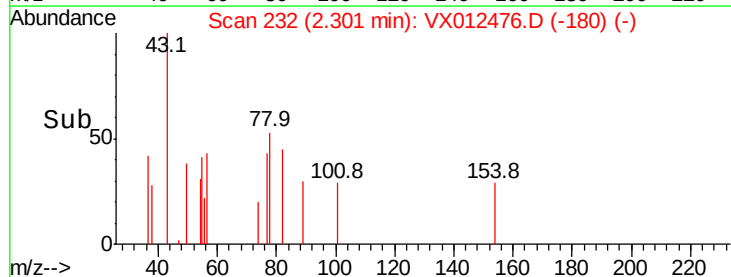
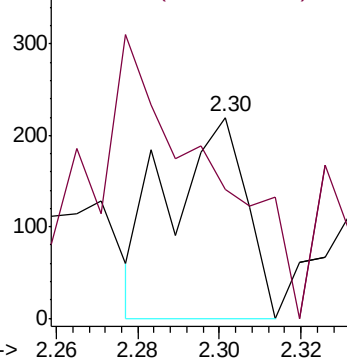
56 100

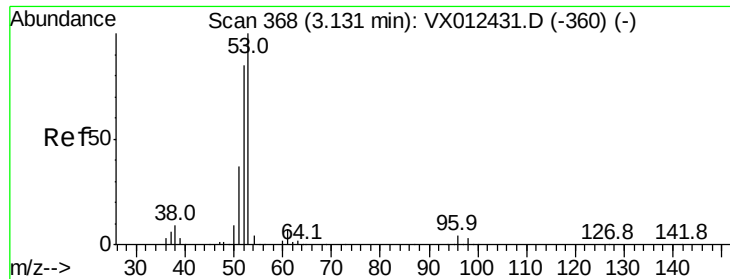
55 0.0 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.603 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.01 min

Lab File: VX012476.D

Acq: 18 Sep 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20190909DL

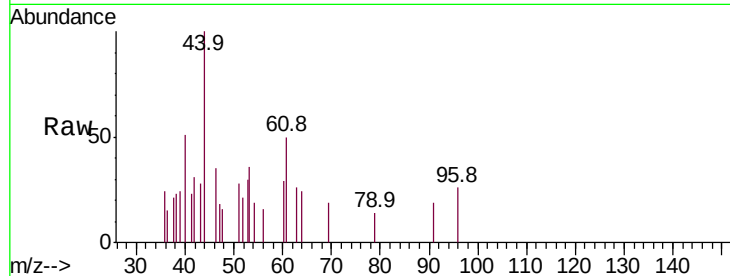
Tot Ion: 53 Resp: 665

Ion Ratio Lower Upper

53 100

52 30.8 67.0 100.4#

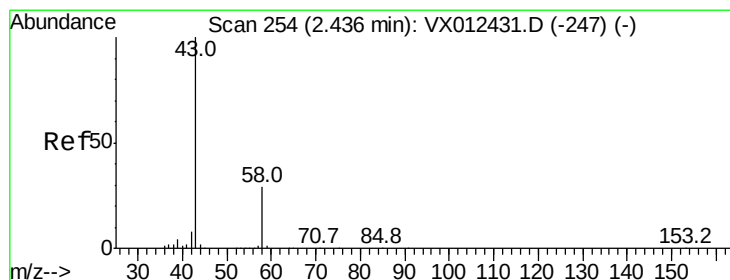
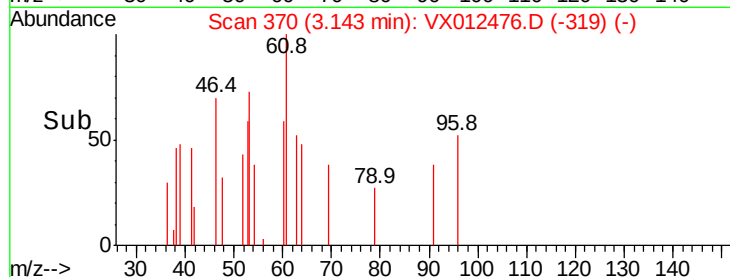
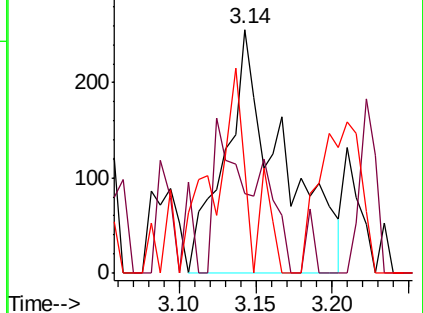
51 42.6 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: Below Cal

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012476.D

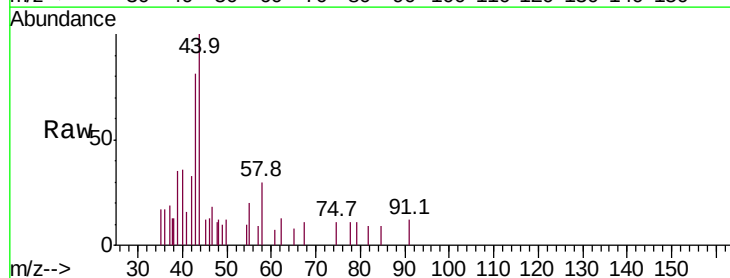
Acq: 18 Sep 2019 16:11

Tgt Ion: 43 Resp: 1466

Ion Ratio Lower Upper

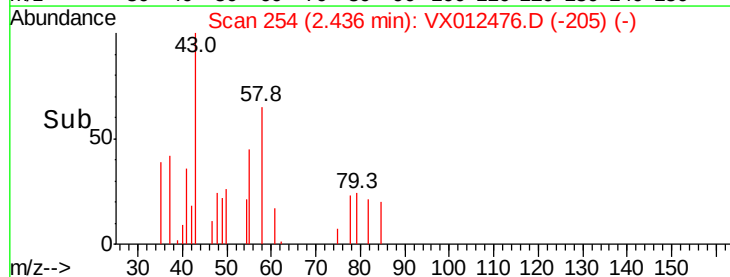
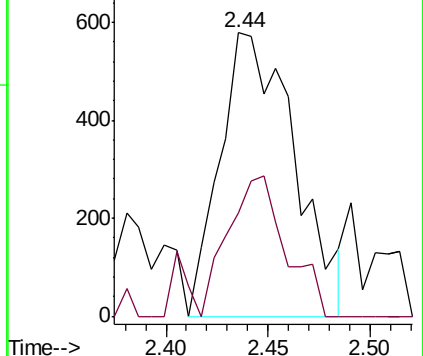
43 100

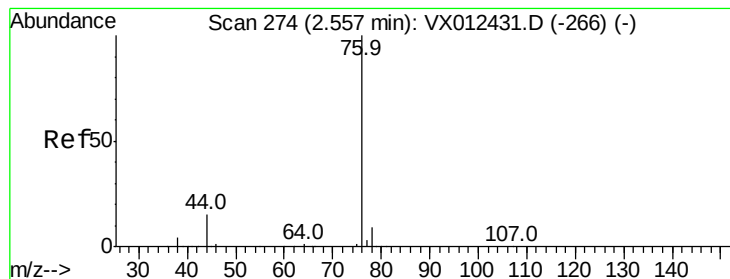
58 36.3 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 2.084 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012476.D

Acq: 18 Sep 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

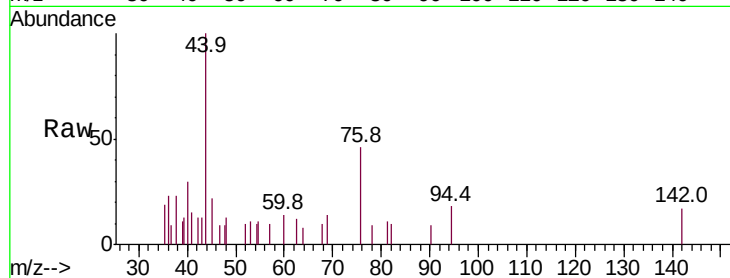
RE122D1-20190909DL

Tot Ion: 76 Resp: 455

Ion Ratio Lower Upper

76 100

78 18.6 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

300

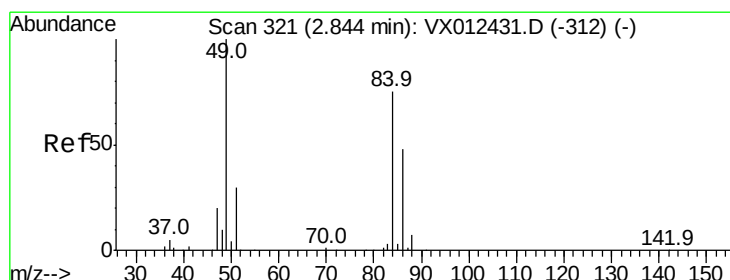
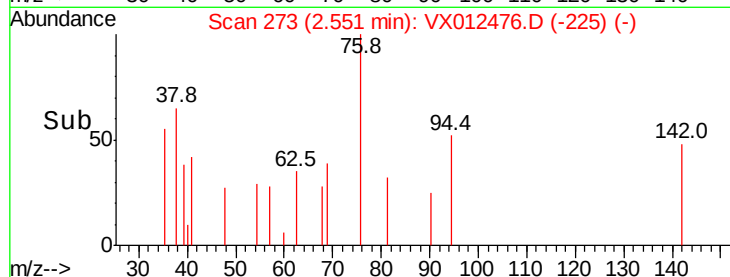
200

100

0

2.50 2.55 2.60

Time-->



#20

Methylene Chloride

Concen: 0.468 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX012476.D

Acq: 18 Sep 2019 16:11

Tgt Ion: 84 Resp: 721

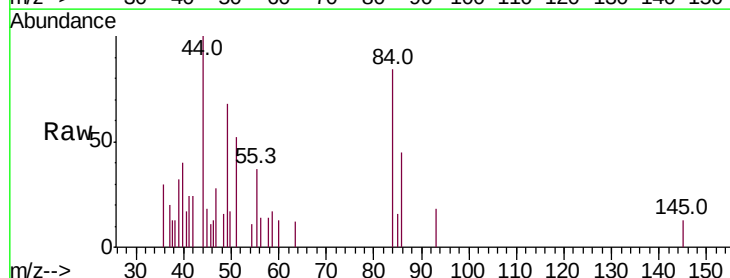
Ion Ratio Lower Upper

84 100

49 80.0 106.8 160.2#

51 61.0 32.3 48.5#

86 53.0 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

600

500

400

300

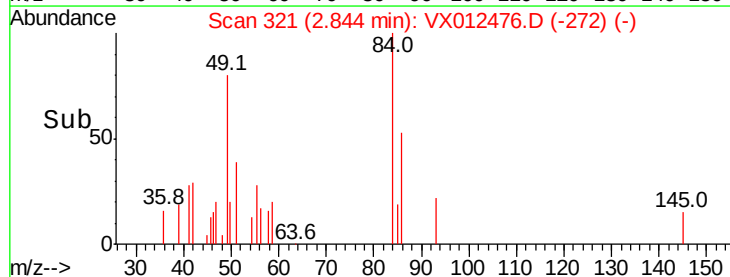
200

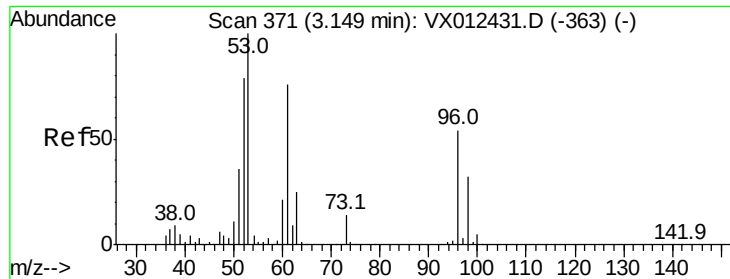
100

0

2.80 2.85 2.90

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.210 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012476.D

Acq: 18 Sep 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20190909DL

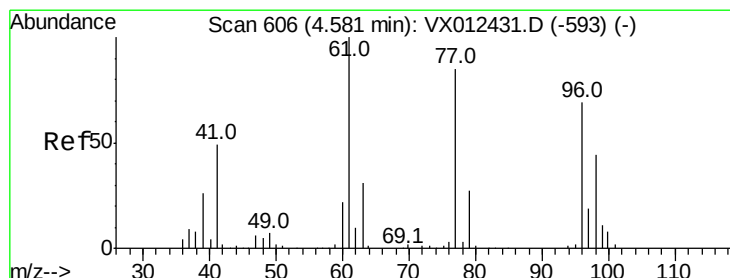
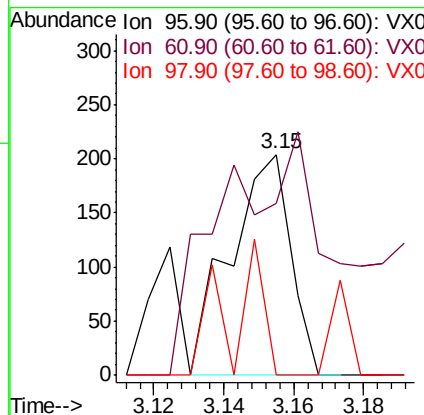
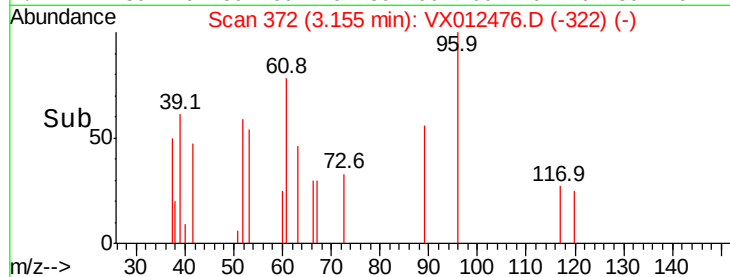
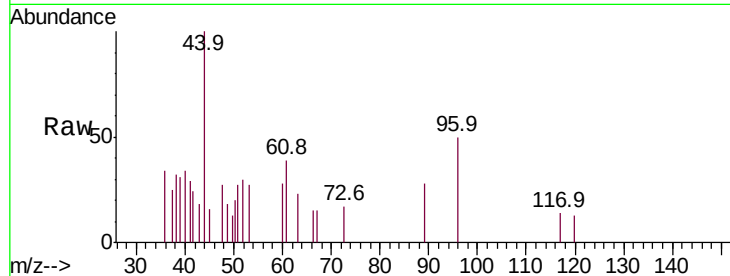
Tot Ion: 96 Resp: 244

Ion Ratio Lower Upper

96 100

61 27.5 112.0 168.0#

98 0.0 47.8 71.8#



#27

cis-1,2-Dichloroethene

Concen: 0.225 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX012476.D

Acq: 18 Sep 2019 16:11

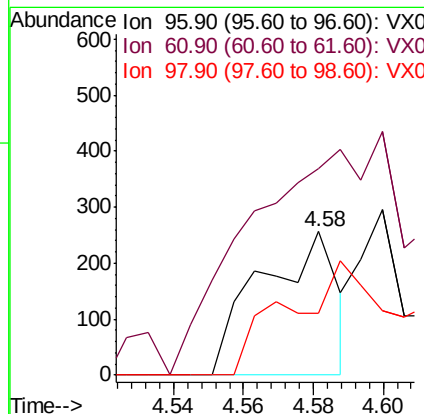
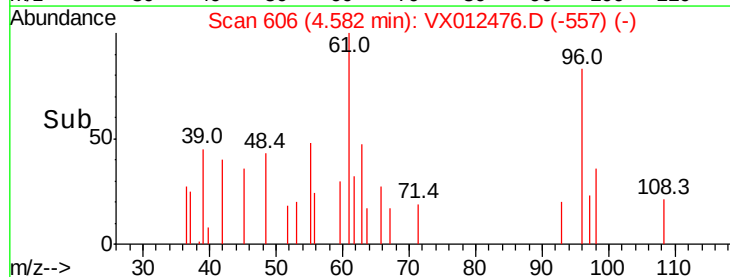
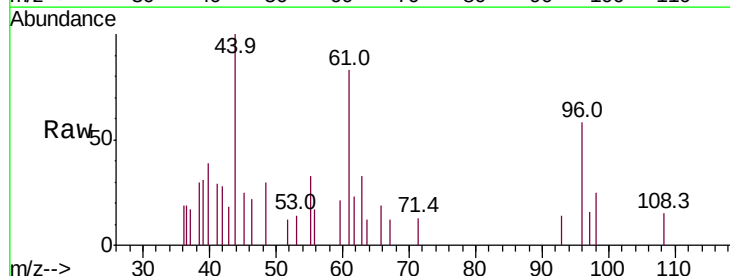
Tgt Ion: 96 Resp: 389

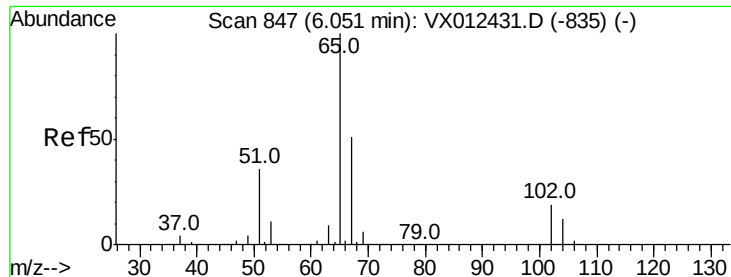
Ion Ratio Lower Upper

96 100

61 369.2 0.0 319.4#

98 120.3 0.0 130.6

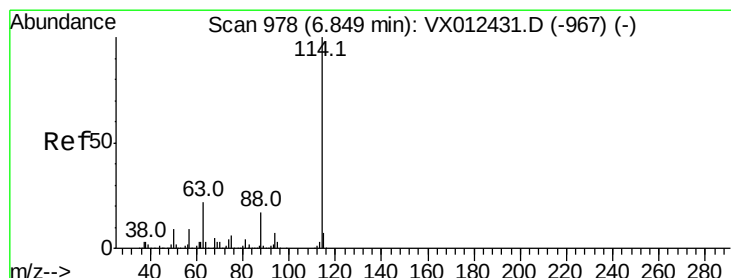
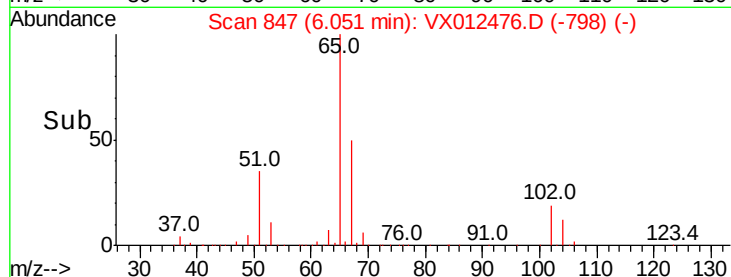
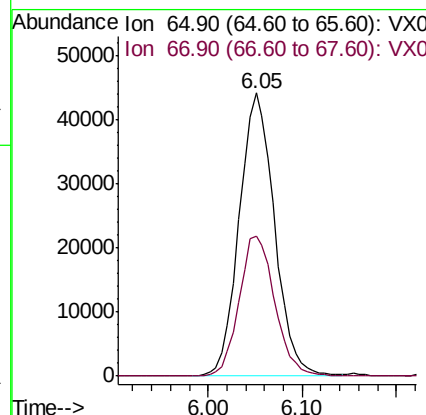
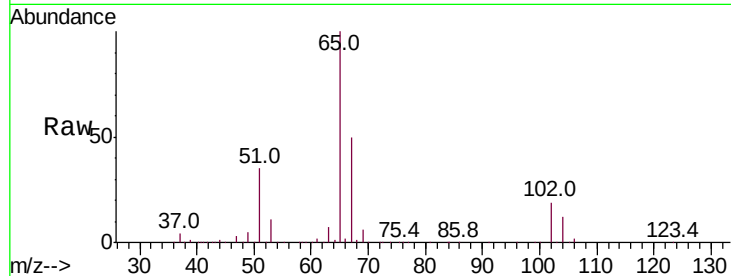




#33
 1,2-Dichloroethane-d4
 Concen: 45.326 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012476.D
 Acq: 18 Sep 2019 16:11

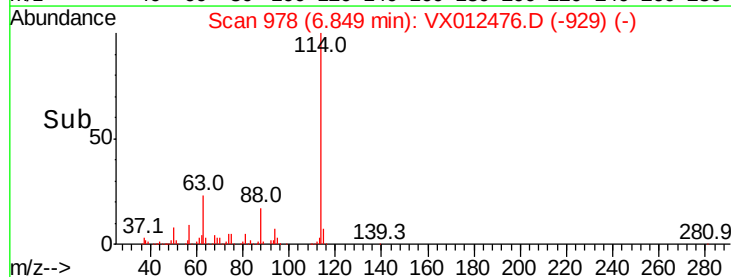
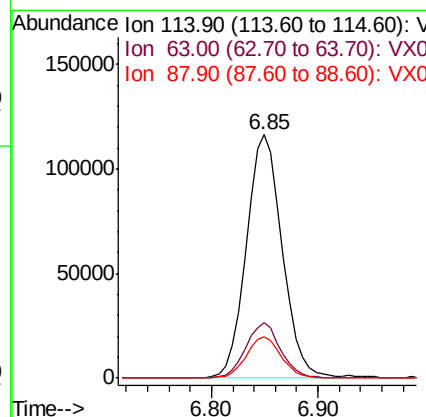
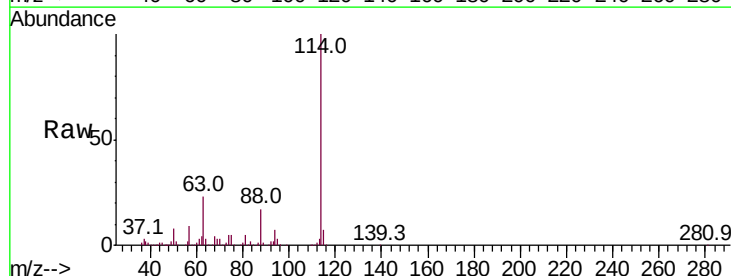
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20190909DL

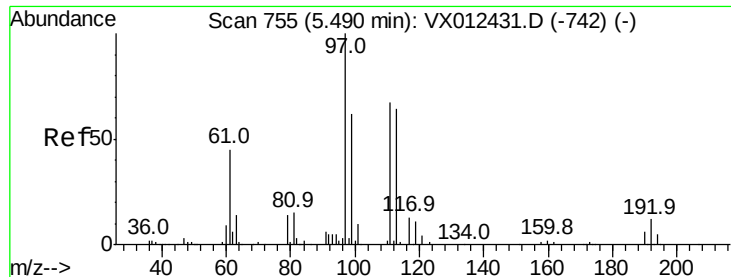
Tot Ion: 65 Resp: 115386
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012476.D
 Acq: 18 Sep 2019 16:11

Tgt Ion: 114 Resp: 275002
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 43.2
 88 16.9 0.0 33.2

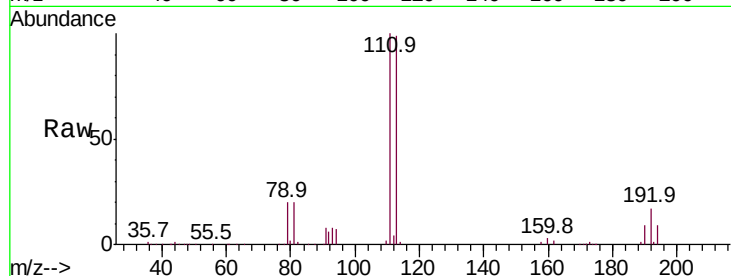




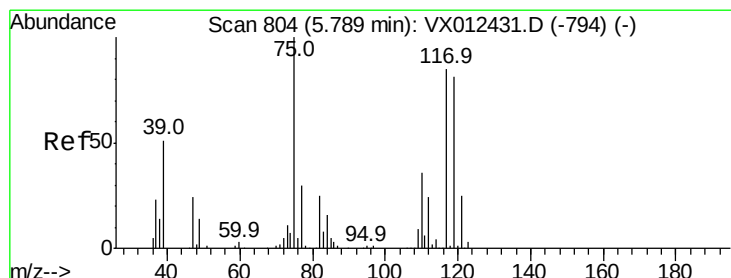
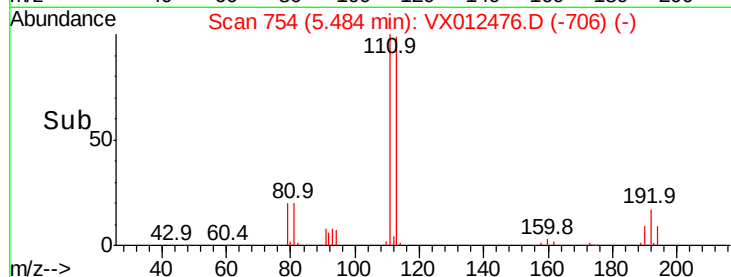
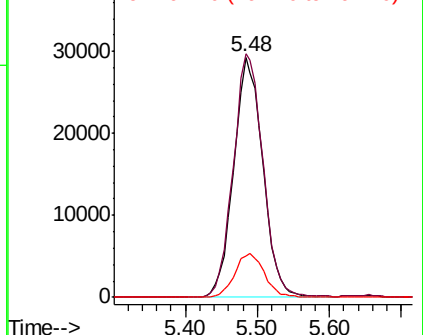
#35
 Dibromofluoromethane
 Concen: 49.576 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012476.D
 Acq: 18 Sep 2019 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20190909DL

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.2
192	18.5	14.4	21.6

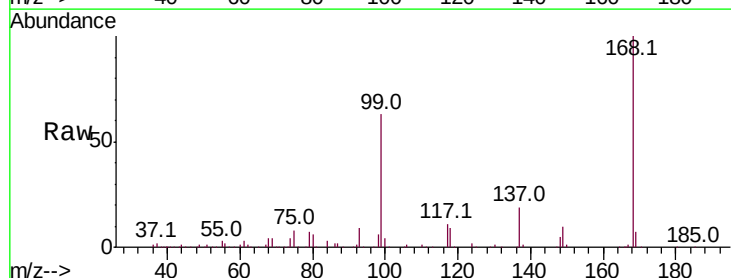


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

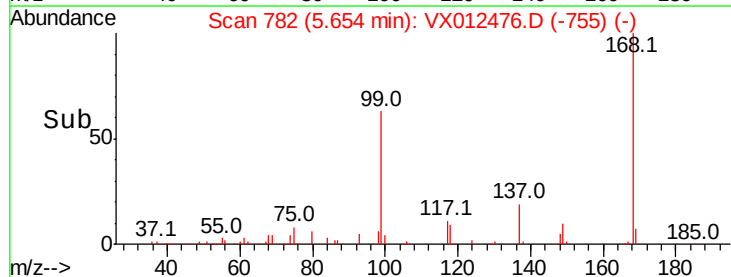
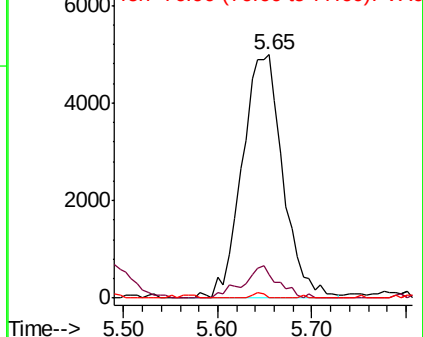


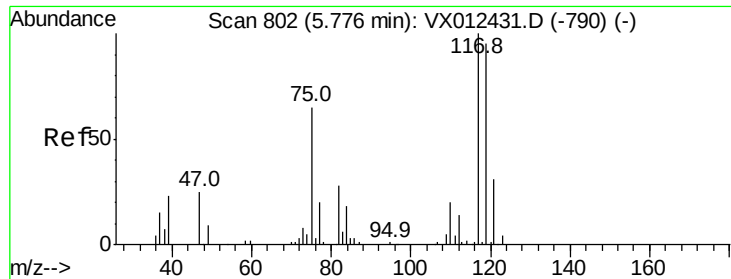
#36
 1,1-Dichloropropene
 Concen: 9.019 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX012476.D
 Acq: 18 Sep 2019 16:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.1	16.7	50.0#
77	0.6	24.2	36.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 9.359 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX012476.D

Acq: 18 Sep 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20190909DL

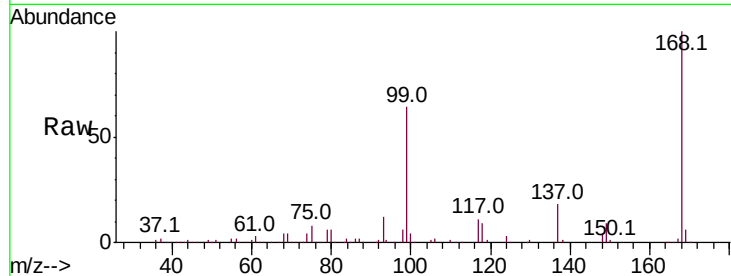
Tot Ion:117 Resp: 19454

Ion Ratio Lower Upper

117 100

119 5.1 75.7 113.5#

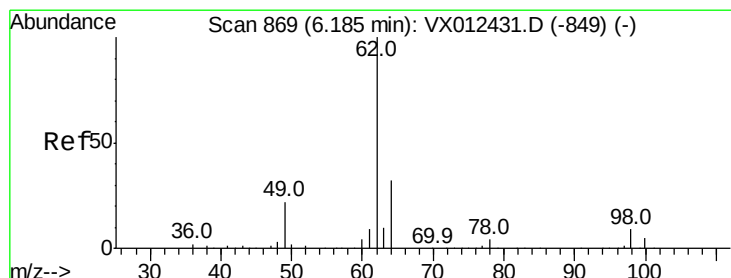
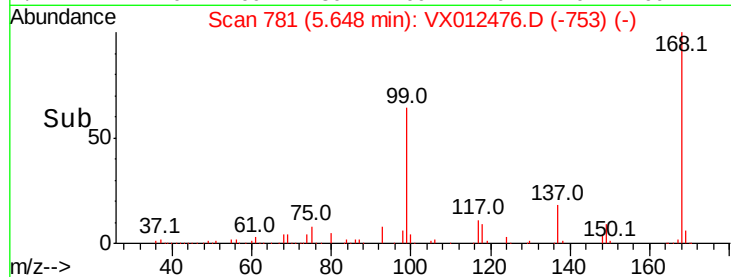
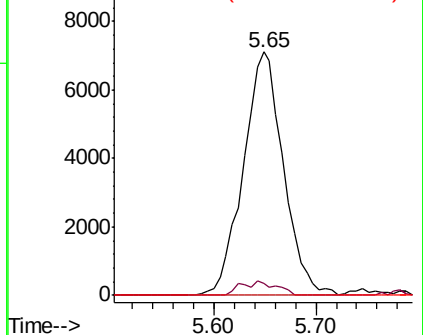
121 0.0 24.2 36.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#42

1,2-Dichloroethane

Concen: 0.213 ug/l

RT: 6.20 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX012476.D

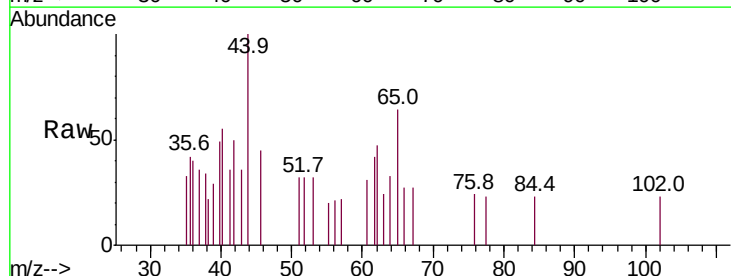
Acq: 18 Sep 2019 16:11

Tgt Ion: 62 Resp: 525

Ion Ratio Lower Upper

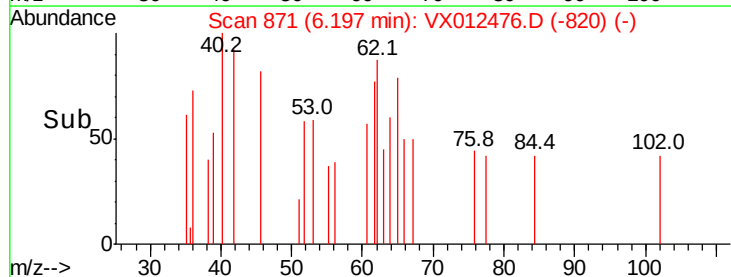
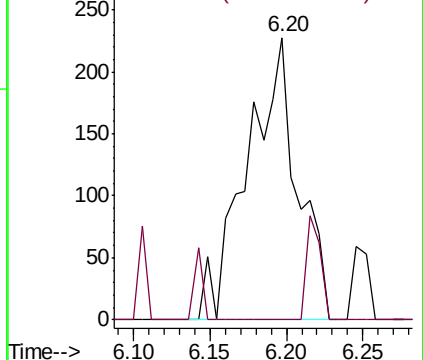
62 100

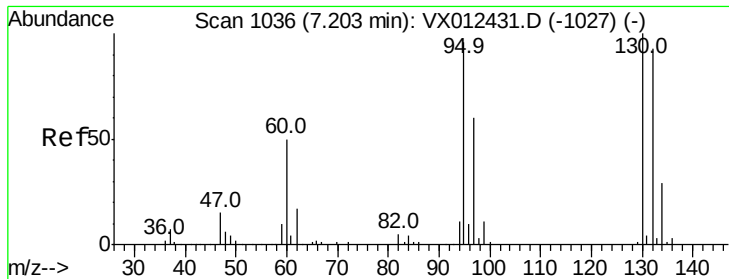
98 10.1 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 75.400 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012476.D

Acq: 18 Sep 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

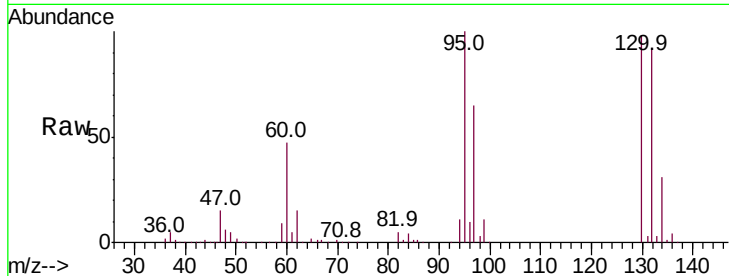
RE122D1-20190909DL

Tot Ion:130 Resp: 105414

Ion Ratio Lower Upper

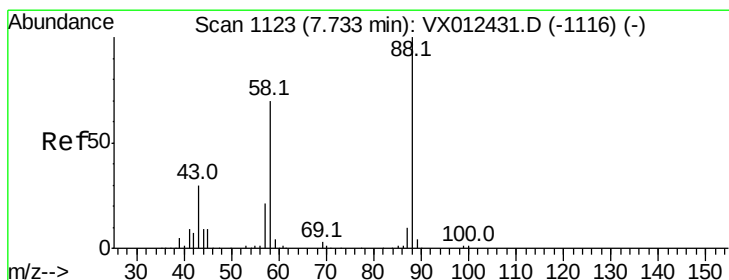
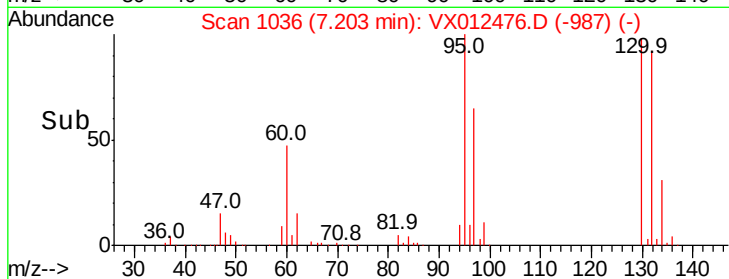
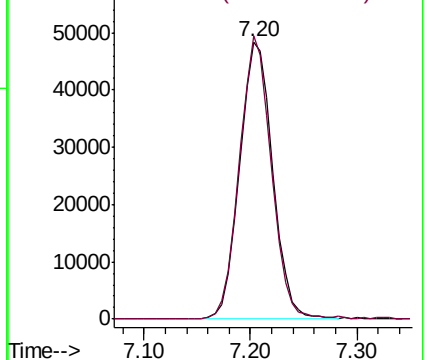
130 100

95 102.1 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 1.003 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VX012476.D

Acq: 18 Sep 2019 16:11

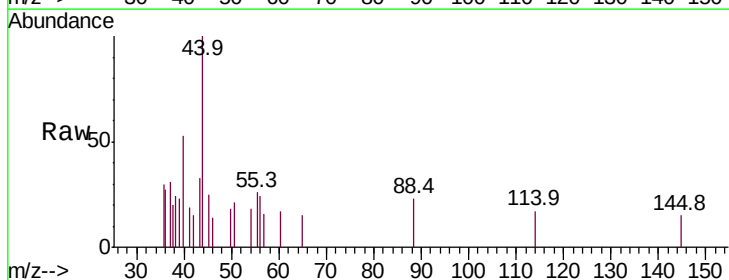
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

43 303.8 29.4 44.0#

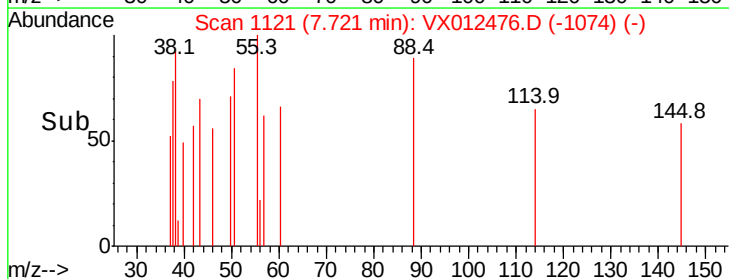
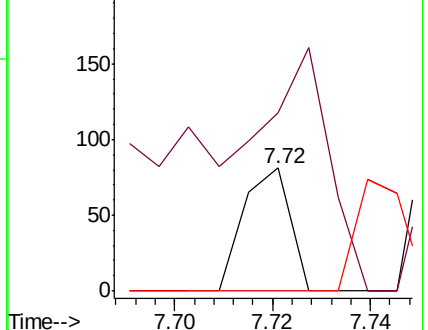
58 94.3 57.5 86.3#

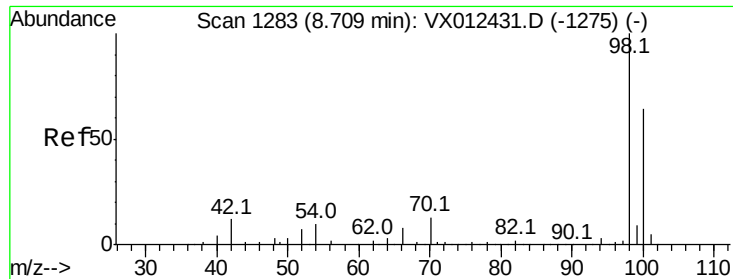


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 52.109 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012476.D

Acq: 18 Sep 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

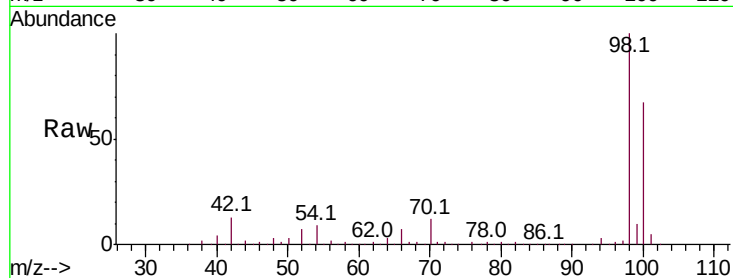
RE122D1-20190909DL

Tot Ion: 98 Resp: 321038

Ion Ratio Lower Upper

98 100

100 66.7 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX012431.D (-1275) (-)

Ion 100.00 (99.70 to 100.70): VX012431.D (-1275) (-)

8.71

250000

200000

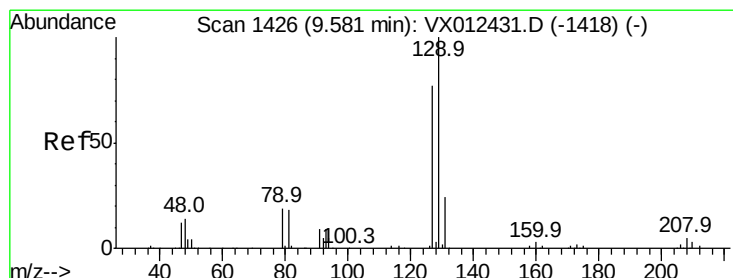
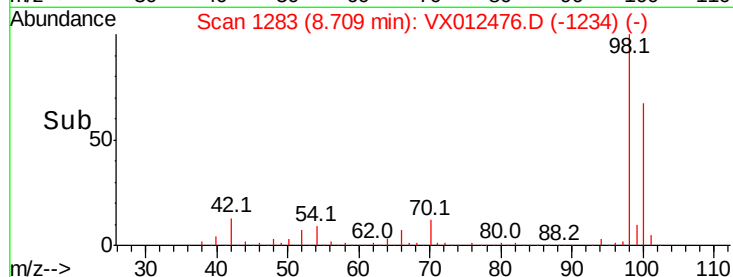
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 0.329 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.25 min

Lab File: VX012476.D

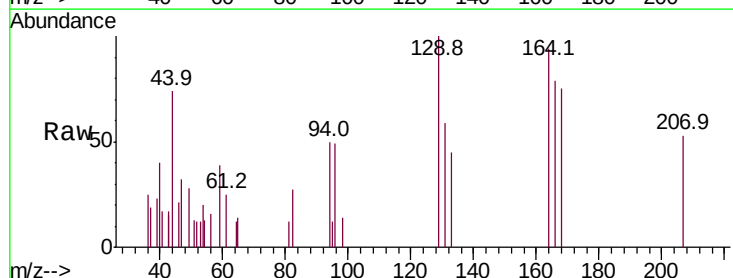
Acq: 18 Sep 2019 16:11

Tgt Ion: 129 Resp: 592

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.6#



Abundance Ion 128.80 (128.50 to 129.50): VX012431.D (-1418) (-)

Ion 126.80 (126.50 to 127.50): VX012431.D (-1418) (-)

9.33

500

400

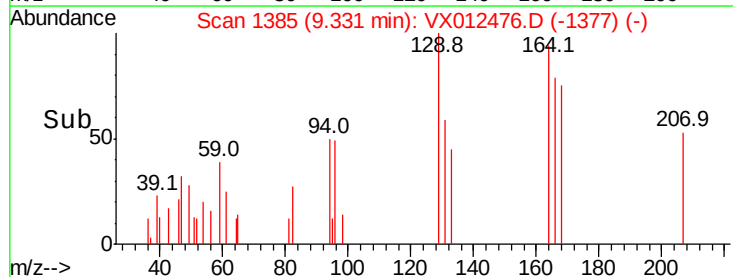
300

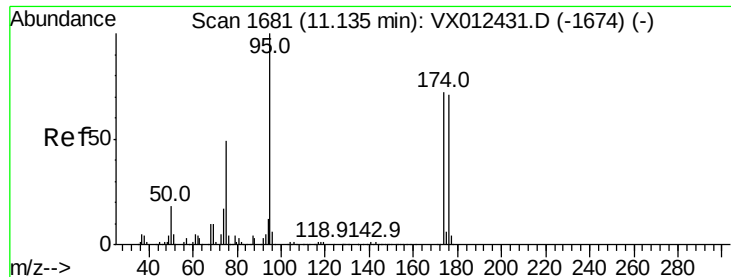
200

100

0

Time-->





#62

4-Bromofluorobenzene

Concen: 44.596 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012476.D

Acq: 18 Sep 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20190909DL

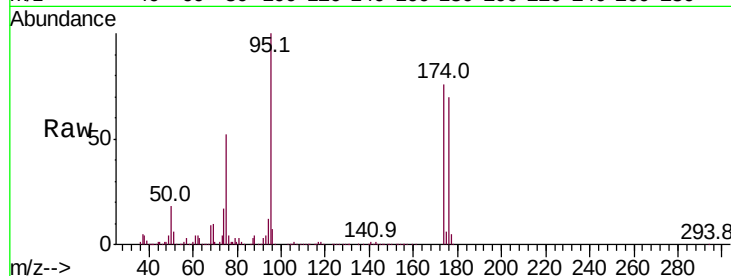
Tot Ion: 95 Resp: 114079

Ion Ratio Lower Upper

95 100

174 73.2 0.0 140.0

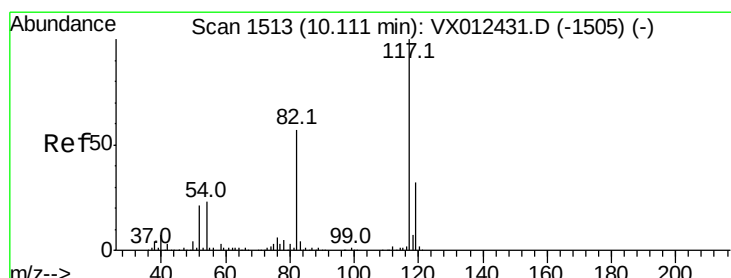
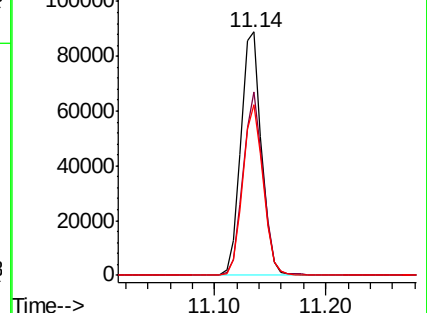
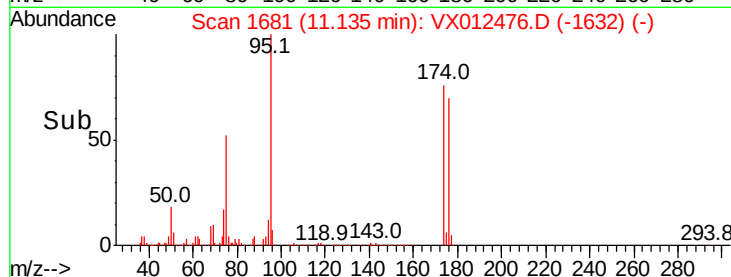
176 69.5 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012476.D

Acq: 18 Sep 2019 16:11

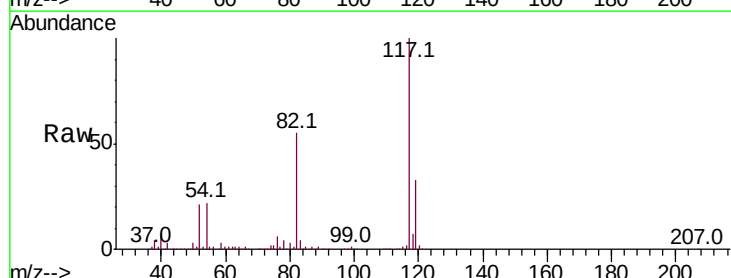
Tgt Ion: 117 Resp: 234331

Ion Ratio Lower Upper

117 100

82 55.1 45.9 68.9

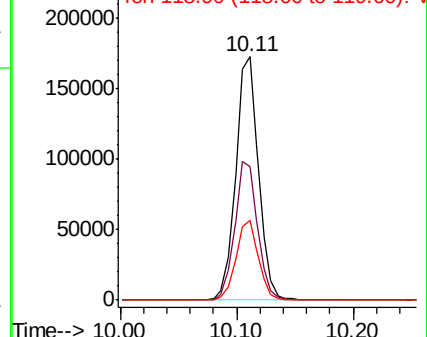
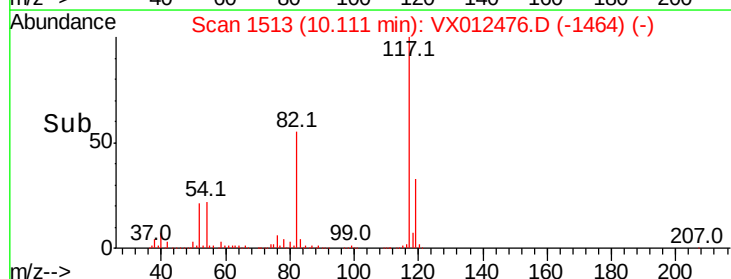
119 32.6 25.3 37.9

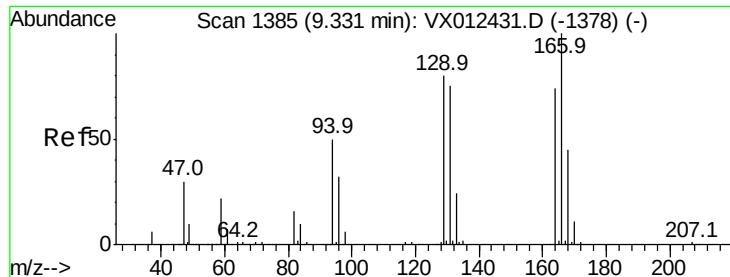


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.520 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX012476.D

Acq: 18 Sep 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20190909DL

Tot Ion:164 Resp: 558

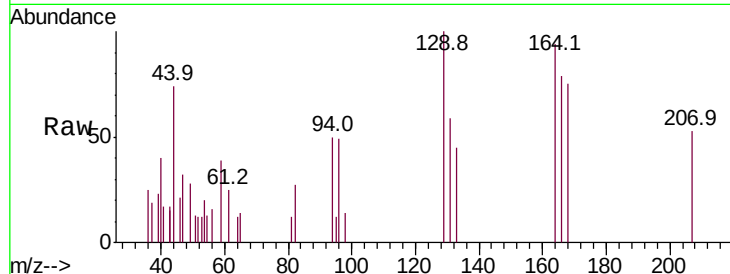
Ion Ratio Lower Upper

164 100

166 83.9 107.8 161.6#

129 105.9 86.2 129.2

131 62.2 80.4 120.6#

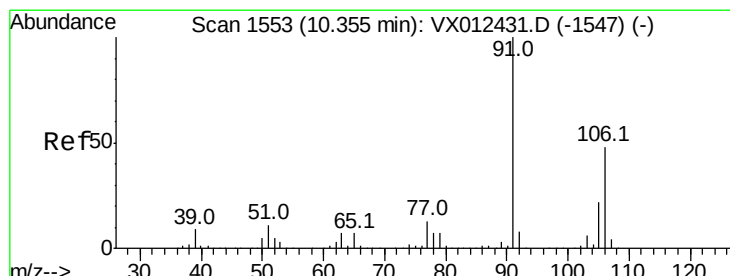
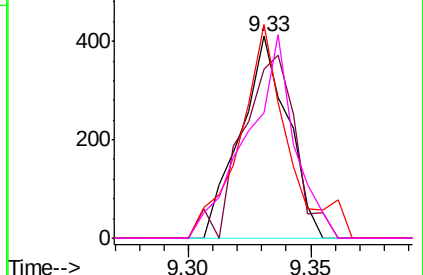
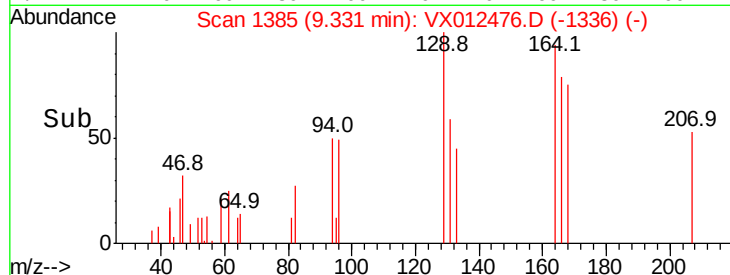


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#68

m/p-Xylenes

Concen: 0.227 ug/l

RT: 10.36 min Scan# 1554

Delta R.T. 0.01 min

Lab File: VX012476.D

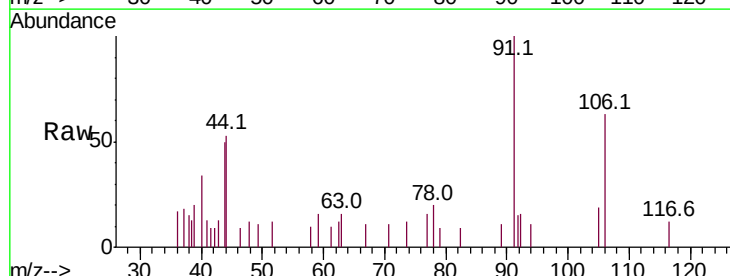
Acq: 18 Sep 2019 16:11

Tgt Ion:106 Resp: 548

Ion Ratio Lower Upper

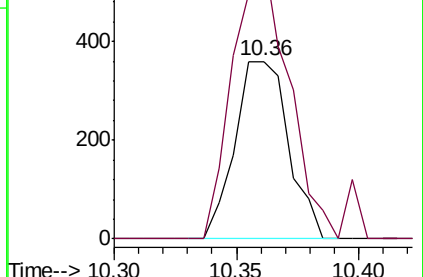
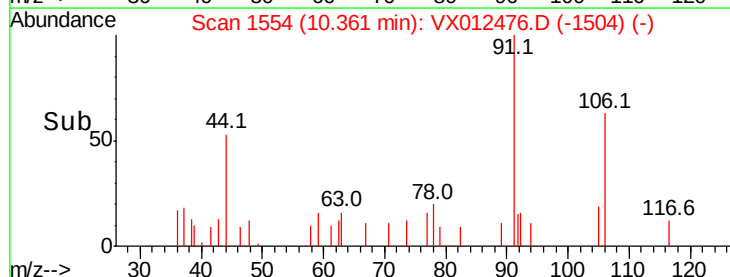
106 100

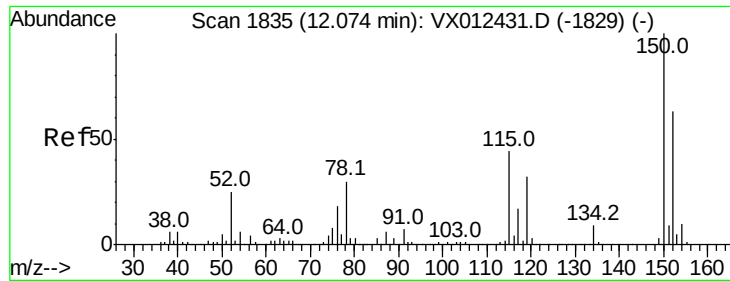
91 161.9 166.6 250.0#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

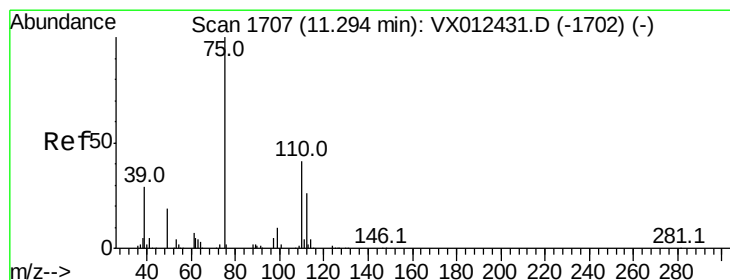
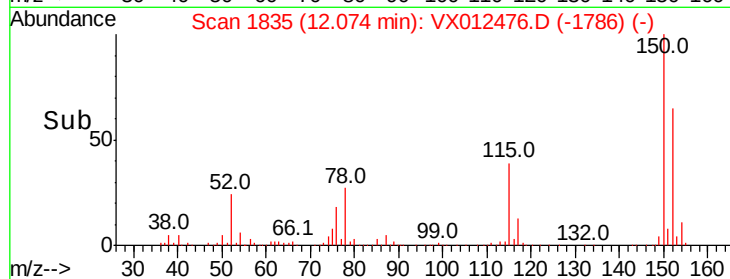
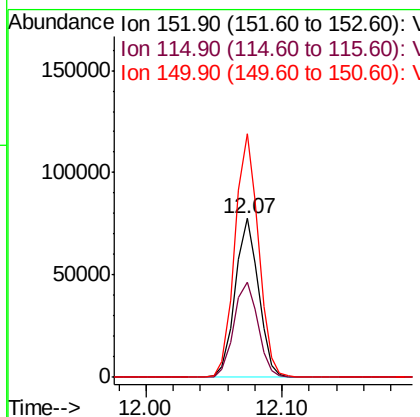
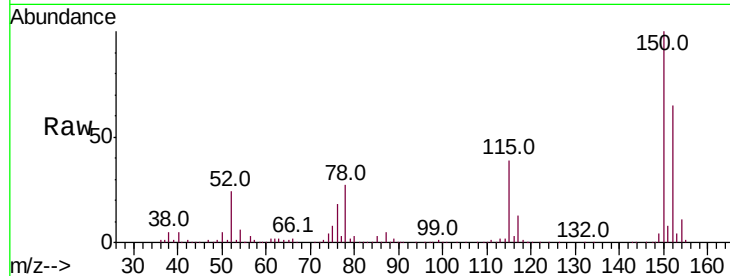




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012476.D
 Acq: 18 Sep 2019 16:11

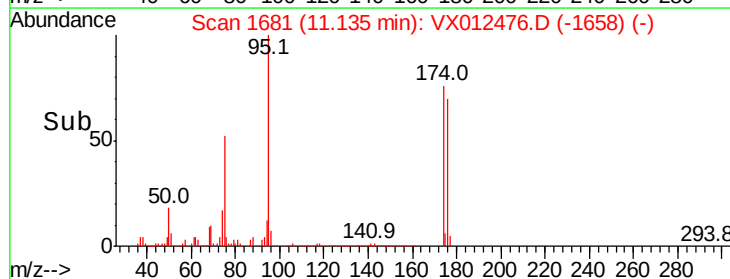
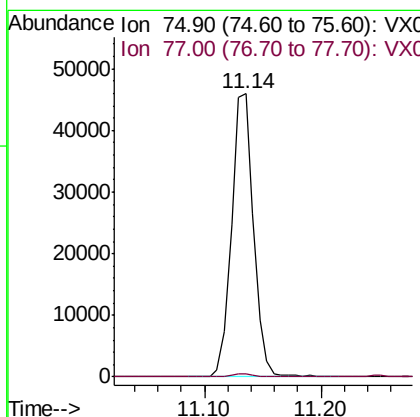
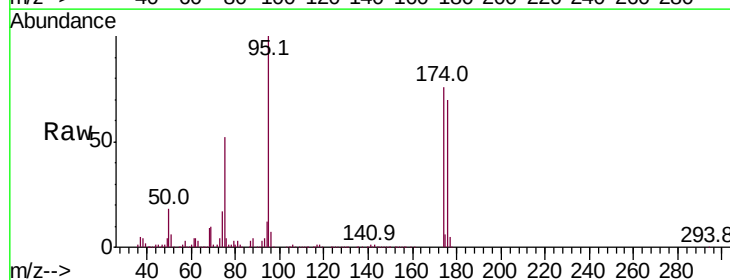
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20190909DL

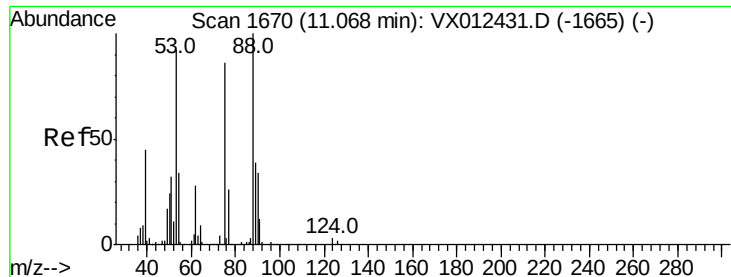
Tot Ion:152 Resp: 92881
 Ion Ratio Lower Upper
 152 100
 115 62.1 44.1 132.3
 150 154.6 0.0 343.8



#76
 1,2,3-Trichloropropane
 Concen: 28.325 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.16 min
 Lab File: VX012476.D
 Acq: 18 Sep 2019 16:11

Tgt Ion: 75 Resp: 60432
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.7 59.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 76.043 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012476.D

Acq: 18 Sep 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20190909DL

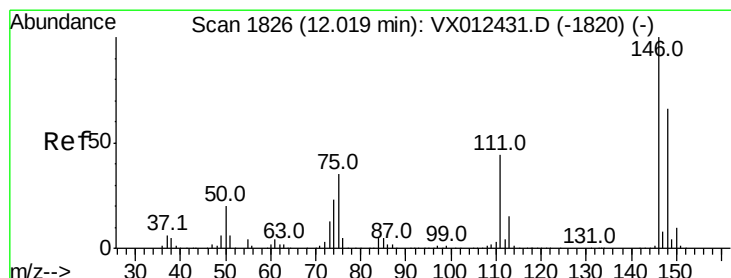
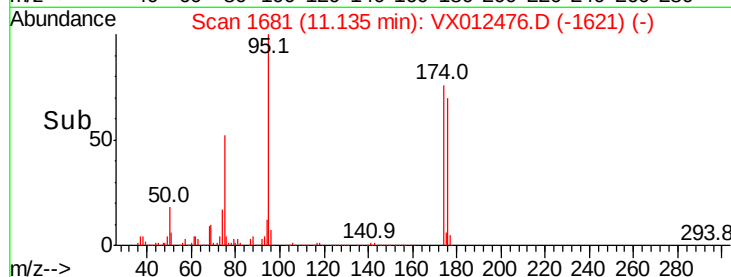
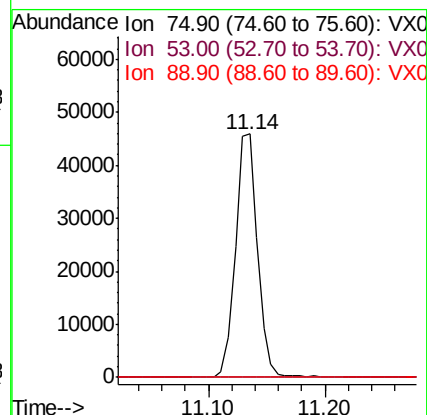
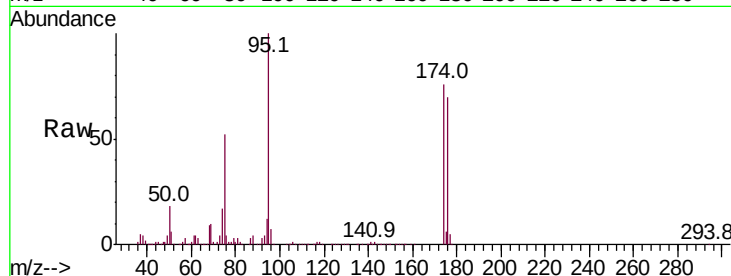
Tot Ion: 75 Resp: 60432

Ion Ratio Lower Upper

75 100

53 0.1 83.6 125.4#

89 0.0 36.3 54.5#



#87

1,3-Dichlorobenzene

Concen: 0.235 ug/l

RT: 12.03 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VX012476.D

Acq: 18 Sep 2019 16:11

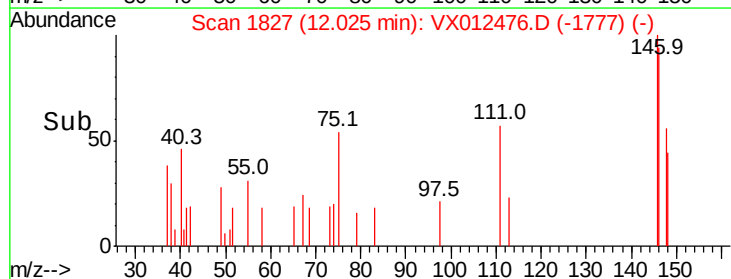
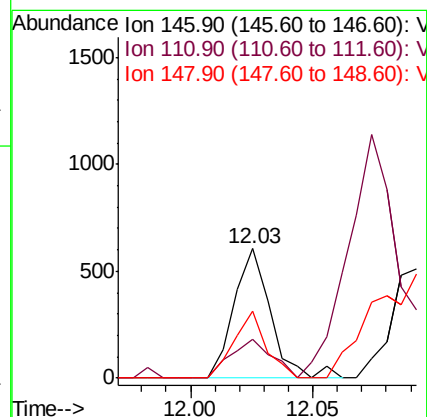
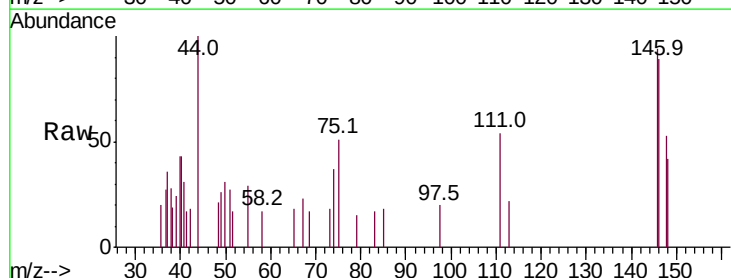
Tgt Ion: 146 Resp: 629

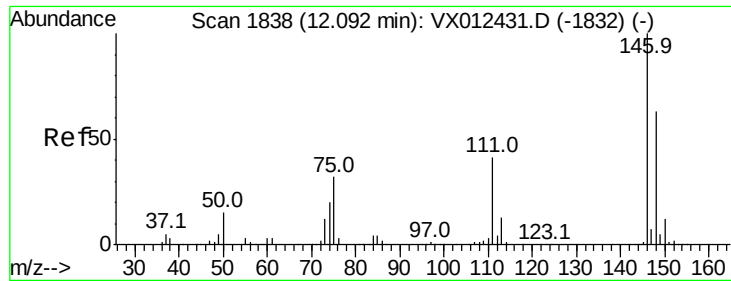
Ion Ratio Lower Upper

146 100

111 33.9 21.3 64.0

148 45.5 32.4 97.2

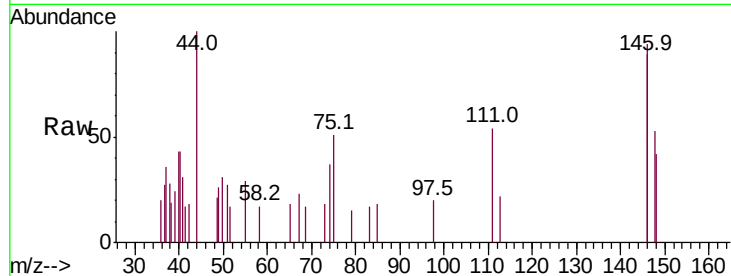




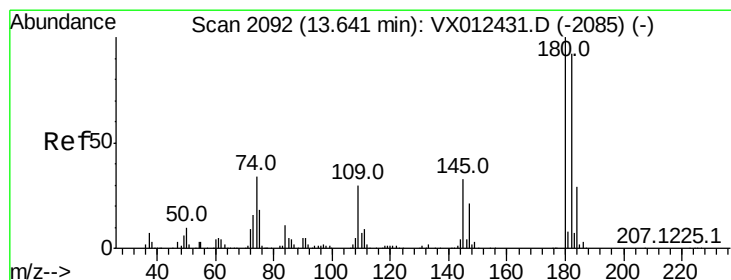
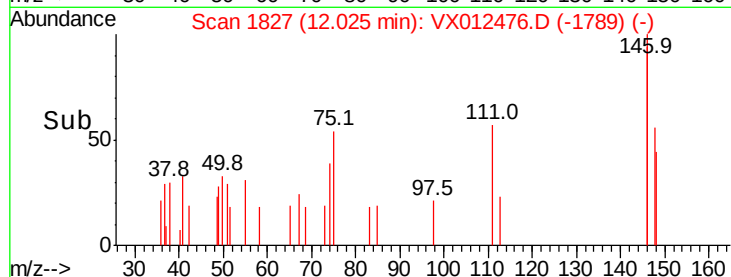
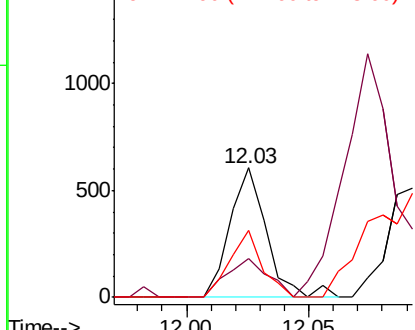
#88
 1,4-Dichlorobenzene
 Concen: 0.229 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. -0.07 min
 Lab File: VX012476.D
 Acq: 18 Sep 2019 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20190909DL

Tot Ion:146 Resp: 629
 Ion Ratio Lower Upper
 146 100
 111 33.9 21.1 63.3
 148 45.5 32.1 96.5

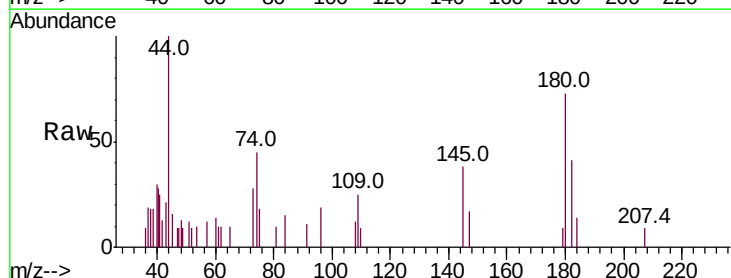


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

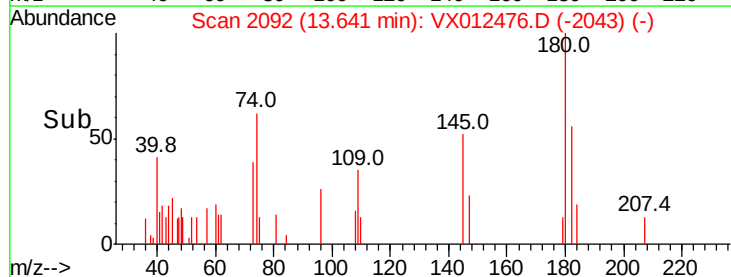
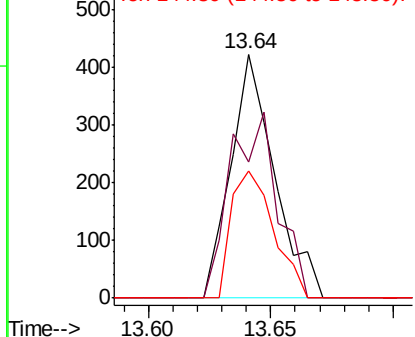


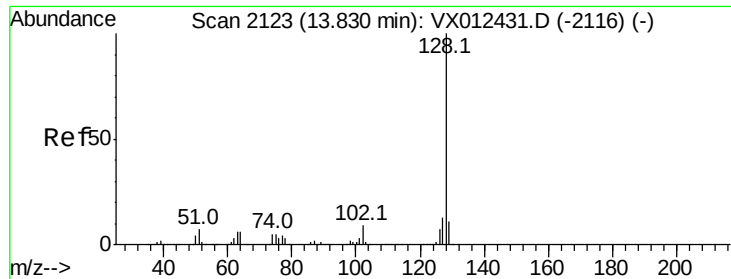
#93
 1,2,4-Trichlorobenzene
 Concen: 0.293 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012476.D
 Acq: 18 Sep 2019 16:11

Tgt Ion:180 Resp: 528
 Ion Ratio Lower Upper
 180 100
 182 82.4 47.0 141.0
 145 50.2 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

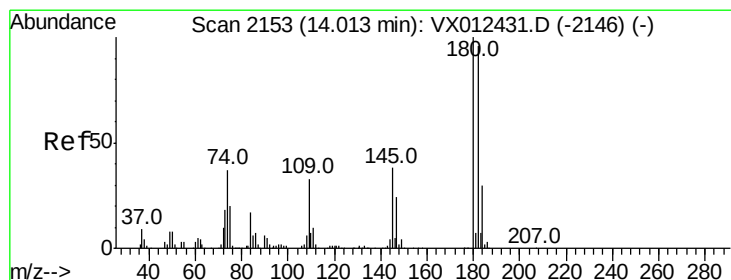
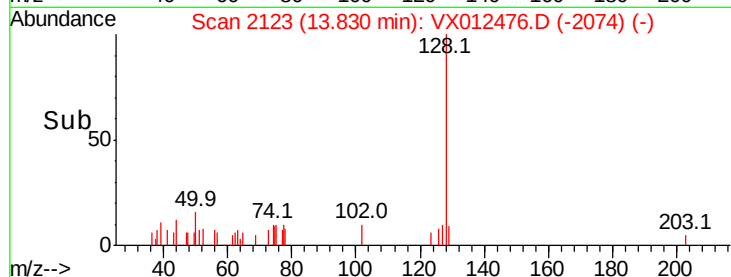
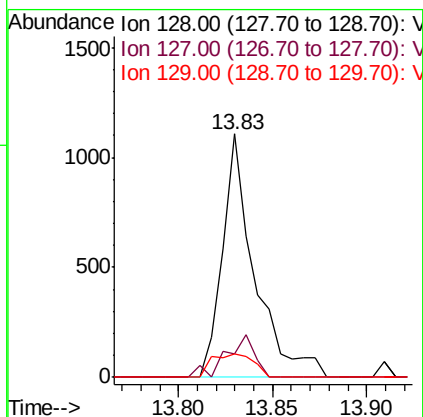
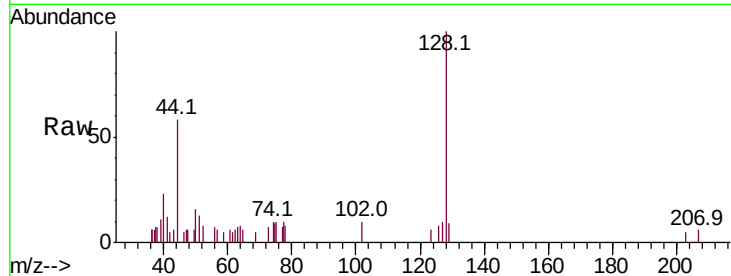




#95
Naphthalene
Concen: 0.204 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909DL

Tot Ion:128 Resp: 1309
Ion Ratio Lower Upper
128 100
127 15.5 10.2 15.4#
129 12.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.274 ug/l
RT: 14.02 min Scan# 2155
Delta R.T. 0.01 min
Lab File: VX012476.D
Acq: 18 Sep 2019 16:11

Tgt Ion:180 Resp: 503
Ion Ratio Lower Upper
180 100
182 120.7 47.1 141.3
145 38.0 18.0 54.0

